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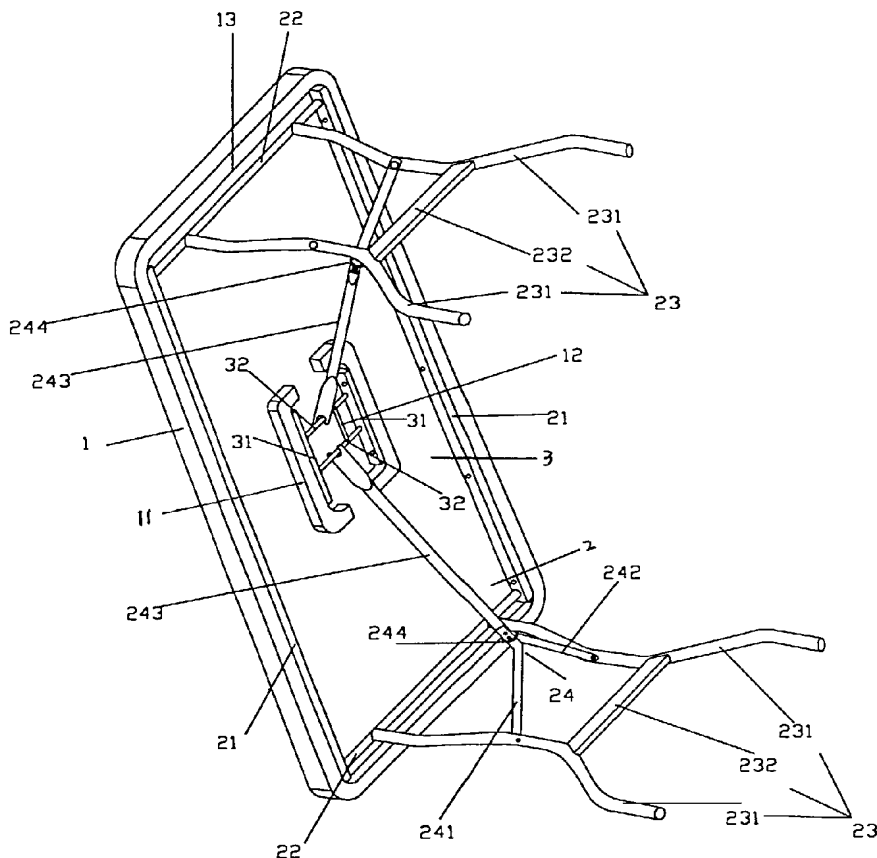
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(54) Title: FOLDING TABLE WITH HANDLES



(57) Abstract: A table includes a table top and a table frame. The table frame preferably includes one or more side rails, end rails, table legs, and support braces. The table also includes a mounting structure that is provided on the underside of the table top. At least a portion of a support assembly is connected to the mounting structure. Preferably, one end of the support braces is pivotally attached to the support assembly and the other end is pivotally attached to a table leg. Advantageously, the support assembly provides a "planar" support area to a portion of the table top. In addition, the table includes handles for enabling a person to transport the table.

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Chinese Patent Documents (1985-)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WPI, EPODOC, PAJ, CPRS, carrying w handle

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN, Y, 2441358 (Zhou Xiaoping) 08. Aug. 2001 (08.08.01), Line 2, Page 4 to Line 7, Page 6 of the Description, Figs. 1-2,4-5,7	1-2,5-7,9,11-17
Y	CN, Y, 2461375 (Wei Shengmin) 28. Nov. 2001 (28.11.01), Page 2 of the Description, Figs. 2, 4	1-2,5-7,9,11-17
Y	CN, Y, 2466970 (Qi Wenxue) 26. Dec. 2001 (26.12.01), Line 23, Page 1 to Line 10, Page 2 of the Description, Figs. 1-2	15-16
A	US, A, 5421272 (Globe Business Furniture, Inc.) 06. Jun. 1995 (06.06.95), the whole document	1-17

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Information on patent family members

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Patent document Cited in search report	Publication date	Patent family members	Publication date
US5421272A	06.06.95	WO9412075 A	09.06.94
		AU5548794 A	22.06.94